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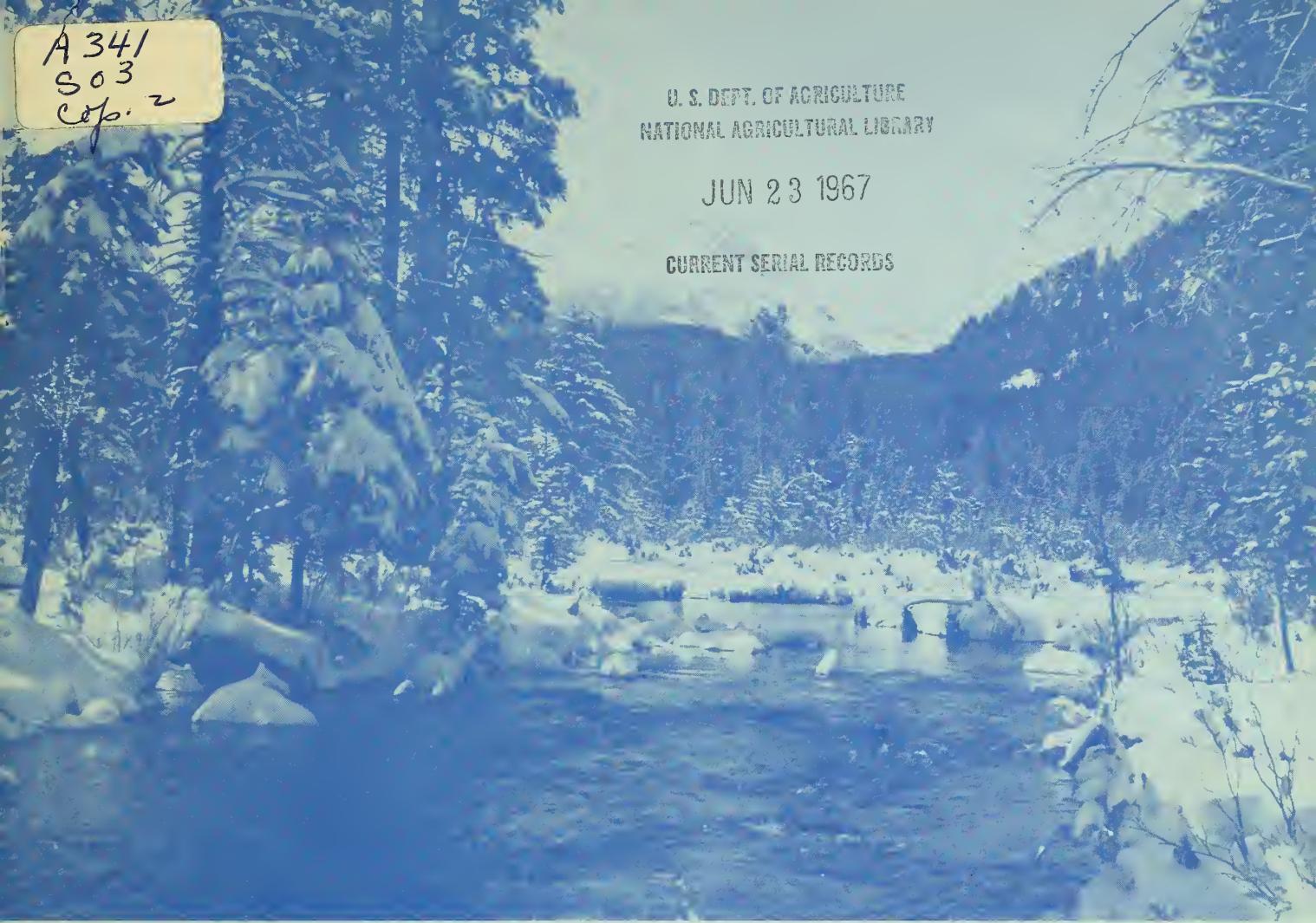
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JUN 23 1967

CURRENT SERIAL RECORDS



WATER SUPPLY OUTLOOK FOR WYOMING

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE - SOIL CONSERVATION SERVICE,

and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

AS OF
MAY 1, 1967

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

D. A. WILLIAMS, Administrator

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 507, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

| STATE | ADDRESS |
|--------------------|---|
| Alaska | P. O. Box "F", Palmer, Alaska 99645 |
| Arizona | 6029 Federal Building, Phoenix, Arizona 85205 |
| Colorado (N. Mex.) | 12417 Federal Building, Denver, Colorado 80202 |
| Idaho | P. O. Box 38, Boise, Idaho 83701 |
| Montana | P. O. Box 855, Bozeman, Montana 59715 |
| Nevada | P. O. Box 4850, Reno Nevada 89505 |
| Oregon | 1218 S. W. Washington St., Portland, Oregon 97205 |
| Utah | 4001 Federal Building, Salt Lake City, Utah 84111 |
| Washington | 840 Bon Marche Bldg., Spokane, Washington 99206 |
| Wyoming | P. O. Box 340, Casper, Wyoming 82602 |

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



FEDERAL-STATE-COOPERATIVE
SNOW SURVEYS AND WATER FORECASTS
FOR
WYOMING

Issued
May 1, 1967

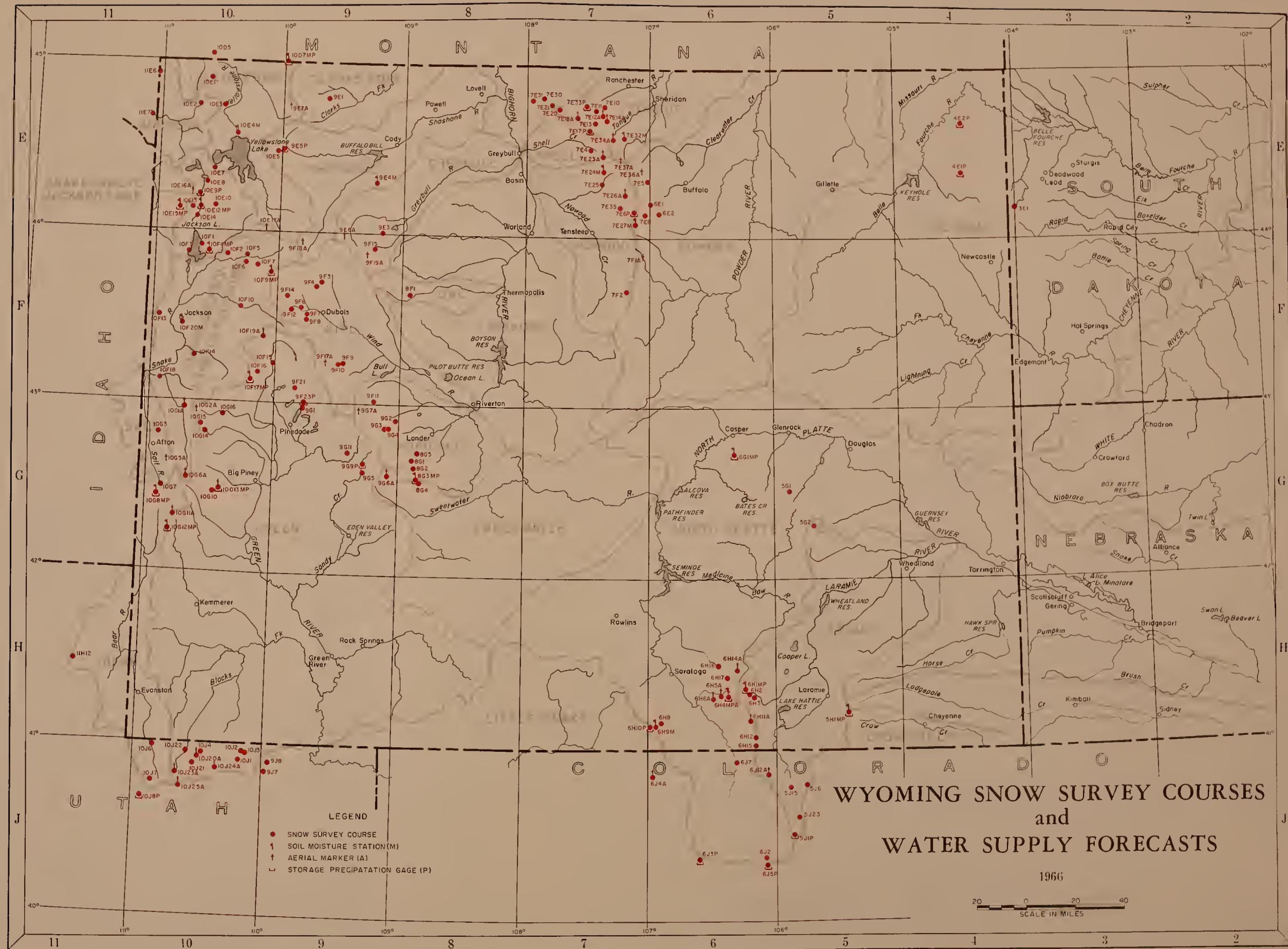
Report Prepared
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Soil Conservation Service
345½ East 2nd Street
P. O. Box 340
Casper, Wyoming 82601

Issued by

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State Conservationist
Soil Conservation Service
Casper, Wyoming

Floyd Bishop
State Engineer of Wyoming
Capitol Building
Cheyenne, Wyoming



INDEX TO WYOMING SNOW COURSES

| DRAINAGE BASIN AND COURSE NAME | WYOMING NUMBER | ELEV. | SEC. | LOCATION | | RECORDO | MEAS. ^a DATES | MEAS. ^b BY | DRAINAGE BASIN AND COURSE NAME | WYOMING NUMBER | ELEV. | LOCATION | | RECORDO | MEAS. ^a DATES | MEAS. ^b BY | DRAINAGE BASIN AND COURSE NAME | WYOMING NUMBER | ELEV. | LOCATION | | RECORDO | MEAS. ^a DATES | MEAS. ^b BY | | | | | | | | | | | | | | | | | |
|--------------------------------|----------------|-------|---------|----------|----------|---------|--------------------------|-----------------------|--------------------------------|----------------|-------|----------|------|-------------|--------------------------|-----------------------|--------------------------------|----------------------|-----------------|----------|------|-------------|--------------------------|-----------------------|---------|---------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | LAT. | TWP. | | | | | | | LAT. | TWP. | RANGE LONG. | | | | | | LAT. | TWP. | RANGE LONG. | | | | | | | | | | | | | | | | | | | |
| MISSOURI RIVER DRAINAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madison River | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Norris Basin | 10E2 | 7500 | 44° 44' | | 110° 42' | 1936 | 2,3,4,5 | 2 | Five Springs Falls | 7E31 | 7500 | 19 | 56N | 92W | 1956 | 2,3,4,5 | 1 | Big Sandy Opening | 9J0P | 9220 | 1" | 31N | 104W | 1931 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| 21 Mile m | 11E5 | 7150 | 1 | 11S | 5E | 1934 | 1,2,3,4,5 | 1 | Medicine Wheel | 7E30 | 9000 | 24 | 56N | 92W | 1956 | 2,3,4,5 | 1,6 | Blind Bull Summit | 10J2A | 8750 | 6 | 34N | 114W | 1949 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| West Yellowstone m | 11E7 | 6700 | 34 | 13S | 5E | 1934 | 1,2,3,4,5 | 1 | | | | | | | | | | Dutch Joe R.S. | 9J5 | 8700 | 32 | 31N | 124W | 1939 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Yellowstone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gorge | 10E3 | 7750 | 44° 44' | | 110° 30' | 1938 | 1,2,3,4,5 | 1 | Beaver-Tongue Divide | 7E20 | 9200 | 12 | 55N | 91W | 1956 | 2,3,4,5 | 1,6 | Elk Heart Park G.S. | 9E23P | 9400 | 1" | 31N | 104W | 1961 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Grevice Mountain m | 10D5 | 8400 | 22 | | 9S | 9E | 1935 | 3,4 | Big Goose #2 | 7E32M | 7700 | 4 | 53N | 86W | 1955 | 2,3,4,5 | 1,6 | Gros Ventre | 10F19A | 8750 | 30 | 40N | 111W | 1948 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| East Entrance | 9E5MP | 7000 | 44° 29' | | 110° 00' | 1928 | 1,2,3,4,5 | 2 | Bone Spring Divide | 7E18A | 9200 | 32 | 55N | 89W | 1956 | 2,3,4,5 | 1,6 | Kendall R.S. #2 | 10F15 | 7900 | 32 | 37N | 110W | 1961 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Lake Camp #2 | 10E4M | 7850 | 44° 34' | | 110° 24' | 1937 | 1,2,3,4,5 | 1 | Dome Lake #2 | 7E33P | 7900 | 36 | 56N | 89W | 1955 | 2,3,4,5 | 1,6 | Loomis Park #2 | 10F16 | 8500 | 14 | 37N | 111W | 1960 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Lupine Creek | 10E1 | 7300 | 44° 54' | | 110° 37' | 1938 | 1,2,3,4,5 | 2 | Geneva Pass | 7E37A | 10600 | 30 | 52N | 86W | 1961 | 2,3,4,5 | 1,6 | Mulligan Park | 9J1 | 8900 | 28 | 35N | 108W | 1939 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Northeast Entrance | 10D7MP | 7400 | 33 | | 9S | 14E | 1937 | 1,2,3,4,5 | 2 | Gloom Creek | 7E1A | 9300 | 32 | 55N | 87W | 1956 | 2,3,4,5 | 1,6 | North Fork Lake | 10J16 | 8200 | 12 | 34N | 114W | 1961 | 2,3,4,5 | 1 | | | | | | | | | | | | | | |
| Parker's Peak | 9E7 | 9400 | 44° 41' | | 109° 56' | 1965 | 2,3,4 | 1 | Granite Pass | 7E17P | 8950 | 19 | 54N | 88W | 1956 | 2,3,4,5 | 1,6 | Piney LaBarge #2 | 10G10 | 8820 | 19 | 29N | 114W | 1949 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Pitchstone | 10E12 | 8400 | 44° 41' | | 110° 42' | 195 | 2,3,4 | 1 | Sibley Lake | 7E11 | 8000 | 10 | 55N | 87W | 1956 | 2,3,4,5 | 1,6 | Pocket Creek | 9G11 | 9360 | 19 | 32N | 105W | 1951 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Thumb Divide | 10E7 | 7900 | 44° 22' | | 110° 93' | 1946 | 2,3,4 | 5 | Steamboat Point | 7E10 | 7500 | 32 | 56N | 87W | 1956 | 2,3,4,5 | 1,6 | Poison Meadows | 10G6A | 8500 | 29 | 30N | 110W | 1948 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Two Ocean Plateau | 10E17 | 9200 | 44° 08' | | 110° 14' | 1965 | 2,3,4 | 1 | Sucker Creek | 7E12A | 9000 | 19 | 55N | 87W | 1956 | 2,3,4,5 | 1,6 | Snyder Basin R.S. #2 | 10G13MP | 8040 | 15 | 29N | 114W | 1950 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Sylvan Pass | 10E5 | 7100 | 44° 28' | | 110° 02' | 1936 | 1,2,3,4,5 | 2 | Wood Rock G.S. | 7E13 | 8500 | 3 | 54N | 88W | 1956 | 2,3,4,5 | 1,6 | Soda Lake | 10G14 | 8300 | 14 | 33N | 115W | 1954 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Clark's Fork | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lodgepole | 9E1 | 8200 | 32 | | 56N | 106W | 1940 | 2,3,4,5 | 1,4 | Bear Trap | 7F1A | 8000 | 10 | 45N | 85W | 1960 | 2,3,4,5 | 1 | Big Park | 10G11A | 8700 | 7 | 27N | 117W | 1951 | 2,3,4,5 | 1 | | | | | | | | | | | | | | |
| Parker's Peak | 9E7 | 9400 | 44° 41' | | 109° 56' | 1965 | 2,3,4 | 1 | Clouds Pesk | 7E36A | 10000 | 15 | 51N | 85W | 1960 | 2,3,4 | 1 | Black's Fk Junc. u | 10J22 | 8925 | 33 | 33N | 122W | 1941 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Wind River | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Big Warm | 9F12 | 8800 | 36 | 42N | 109W | 1955 | 2,3,4,5 | 1 | Middle Powder | 7F2 | 7400 | 16 | 43N | 86W | 1960 | 2,3,4,5 | 1 | Buck Pasture u | 10J23A | 9700 | 14 | 1N | 111W | 1963 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Burroughs Creek | 9F4 | 8800 | 15 | 43N | 107W | 1948 | 2,3,4,5 | 1 | Muddy Creek G.S. | 6E2 | 7800 | 2 | 48N | 84W | 1956 | 2,3,4,5 | 1 | East Fk Black's Fk u | 10J21 | 9300 | 25 | 2N | 122W | 1961 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Dinwoodie | 9F10 | 10000 | 8 | 3N | 6W | 1948 | 2,3,4,5 | 1,3 | Soldier Park | 7E6P | 8200 | 1 | 48N | 86W | 1956 | 2,3,4,5 | 1 | Elk River c | 6J4 | 8700 | 6 | 10N | 85W | 1936 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Dinwoodie Glaciers | 9F17A | 10500 | 43° 16' | | 109° 38' | 1959 | 2,3,4 | 1 | Sour Dough | 6E1 | 8500 | 17 | 49N | 84W | 1936 | 2,3,4,5 | 1,6 | Hayden Fork u | 10J24A | 10200 | 5 | 1N | 112W | 1961 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Dry Creek | 9F9 | 9500 | 10 | 3N | 6W | 1948 | 2,3,4,5 | 1,3 | | | | | | | | | | Hewitt R.S. u | 10J4 | 9500 | 33 | 33N | 133W | 1941 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| DuNoir | 9F6 | 8750 | 27 | 42N | 108W | 1940 | 2,3,4,5 | 1 | | | | | | | | | | Hickerson Park u | 9J8 | 9100 | 24 | 2N | 172W | 1941 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Geiser Creek | 9F7 | 8500 | 12 | 41N | 108W | 1948 | 2,3,4,5 | 1 | | | | | | | | | Hole-in-the-rock u | 10J1 | 9150 | 13 | 2N | 152W | 1941 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | | |
| Little Warm | 9F8 | 9500 | 24 | 41N | 108W | 1948 | 2,3,4,5 | 1 | | | | | | | | | Hole-in-the-rock GS u | 10J3 | 8300 | 32 | 34N | 168W | 1964 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | | |
| Sheridan R.S. #2 | 9F14 | 7500 | 3 | 42N | 109W | 1955 | 2,3,4,5 | 1 | | | | | | | | | Kelley R.S. | 10G12MP | 8200 | 13 | 26N | 118W | 1951 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | | |
| T-Cross Ranch | 9F3 | 8000 | 1 | 43N | 127W | 1940 | 2,3,4,5 | 1 | | | | | | | | | Lake Fork Basin u | 10J25A | 11100 | 13 | 15 | 111W | 1962 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | | |
| Togwotee Pass | 10F9MP | 9600 | 29 | 4N | 110W | 1936 | 2,3,4,5 | 5 | | | | | | | | | Middle Beaver Creek u | 10J2 | 8550 | 31 | 3N | 11E | 1942 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | | |
| Popa Agie River | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blue Ridge | 8G2 | 9500 | 23 | 31N | 101W | 1939 | 2,3,4,5 | 1 | | | | | | | | | | Old Battle | 10J24 | 10200 | 5 | 1N | 112W | 1961 | 2,3,4,5 | 1 | | | | | | | | | | | | | | | |
| Bruce's Camp | 805 | 6500 | 24 | 32N | 101W | 1955 | 2,3,4 | 1 | | | | | | | | | Brooklyn Lake #2 | 6H11P | 10200 | 11 | | | | | | | | | | | | | | | | | | | | | |

WATER SUPPLY OUTLOOK
FOR
WYOMING

May 1, 1967

The North Platte Watershed should yield well above normal quantities. Flow of the North Platte River will be five percent above normal at the State Line, with the Encampment River discharging 113 percent of average. The main stream flow at Saratoga will be 715,000 acre feet, or 112 percent of normal. Rock Creek and the Medicine Bow River will contribute 111 and 110 percent of normal respectively. The Laramie River will yield 108 percent of normal at Jelm. Deer Creek will contribute 90 percent of average to the North Platte at Glenrock.

The North Platte Reservoir System remains about the same as last month. Total combined useable storage is 55 percent of the 15-year average.

The Big Horn Mountains, with an intense storm at month's end, have improved snowpack conditions. Shell Creek is now forecast at 114 percent of normal. Medicine Lodge Creek will yield 24,600 acre feet as compared to the 15-year average of 18,200 acre feet. Tensleep Creek will flow 104 percent of normal. On the east side of the range the Tongue should yield well above normal quantities while Powder River flows will be near average.

The Green River Drainage is improved with 106 percent of normal expected on the main stem at Warren Bridge. Downstream at Green River the flow will be 116 percent of average. The New Fork River and Big and Little Sandy Creeks are also improved and will flow 114, 112, and 111 percent of normal respectively.

The Wind River near Dubois is forecast at 97 percent of normal while Bull Lake Creek will contribute 115 percent of average. The Little Popo Agie forecast has also been raised and now is 120 percent of normal. Bull Lake Reservoir now holds 94 percent of its May 1 average while Pilot Butte contains 92 percent of normal. Boysen Reservoir continues well above average and currently holds 161 percent of normal for this date.

The Shoshone River snowpack improved during April. The Shoshone now is expected to discharge 870,000 acre feet into Buffalo Bill Reservoir, or 108 percent of the fifteen year average.

The Snake River will flow at the rate of 104 percent of average into both Jackson Lake and Palisades Reservoir. The Greys and Salt River and Swift Creek Watersheds are well above average. Current forecasts are for 136, 145 and 123 percent of normal respectively from these streams. Jackson Lake storage is 16 percent greater than average for May 1, while Palisades Reservoir contains 91 percent of its average.

The Bear River gaging station will record 113 percent of its 15-year normal where it first enters the State from Utah. The Smiths Fork and Thomas Fork tributaries are expected to equal their 1965 flows of 142 and 193 percent of normal.

WYOMING STREAM-FLOW FORECASTS, MAY 1967

| BASIN AND TRIBUTARY | April 1 - September 30 (REVISED) | | | | |
|-----------------------------------|--|-------------------|-----------------|-------------|---------|
| | Seasonal Stream-Flow in Thousands of Acre Feet | | Measured Runoff | 15-Yr. Avg. | 1948-62 |
| | Forecast Runoff | % 15-Year Average | | | |
| | | | 1965 | | |
| CLARK'S FORK | | | | | |
| Chance (at) | 707 | 121% | 763 | 583 | |
| MADISON RIVER | | | | | |
| West Yellowstone (at) | 242 | 116% | 272 | 208 | |
| YELLOWSTONE RIVER (April-October) | | | | | |
| Yellowstone Lake Outlet (at) | 900 | 106% | 1105 | 847 | |
| LITTLE POPO AGIE | | | | | |
| Lander (near) | 51 | 120% | 86 | 42 | |
| BULL LAKE CREEK | | | | | |
| Lenore (near) | 204 | 115% | 187 | 177 | |
| WIND RIVER | | | | | |
| Dubois (near) | 97 | 97% | 153 | 100 | |
| TENSLEEP CREEK | | | | | |
| Tensleep (near) | 75 | 104% | 96 | 72 | |
| MEDICINE LODGE CREEK | | | | | |
| Hyattville (near) | 24.6 | 135% | 28 | 18.2 | |
| SHELL CREEK | | | | | |
| Shell (near) | 72 | 114% | 93 | 63 | |
| SHOSHONE RIVER | | | | | |
| Buffalo Bill Dam (below) (1) | 870 | 108% | 1177 | 805 | |
| LARAMIE RIVER | | | | | |
| Jelm (near) (2) | 121 | 108% | 144 | 112 | |
| ENCAMPMENT RIVER | | | | | |
| Encampment (near) | 160 | 113% | 215 | 141 | |
| NORTH PLATTE RIVER | | | | | |
| Northgate (near) | 272 | 105% | 382 | 260 | |
| Saratoga (at) | 715 | 112% | 909 | 641 | |
| Sinclair (near) | 739 | 112% | 940 | 660 | |
| ROCK CREEK | | | | | |
| Arlington (at) | 52 | 111% | 63 | 47 | |
| MEDICINE BOW RIVER | | | | | |
| Hanna (near) | 92 | 110% | 63 | 84 | |
| DEER CREEK (March - July) | | | | | |
| Glenrock (at) | 21.0 | 90% | 53 | 23.2 | |

WYOMING STREAM-FLOW FORECASTS, MAY 1967

| BASIN AND TRIBUTARY | April 1 - September 30 (REVISED) | | | | |
|-----------------------------|--|------|-------------------|-----------------|---------|
| | Seasonal Stream-Flow in Thousands of Acre Feet | | % 15-Year Average | Measured Runoff | |
| | Forecast Runoff | 1965 | | 15-Yr. Avg. | 1948-62 |
| GREEN RIVER | | | | | |
| Warren Bridge (at) | 346 | | 106% | 446 | 326 |
| LaBarge (near) | 1065 | | 116% | 1567 | 920 |
| Green River (at) | 1130 | | 116% | 1677 | 970* |
| LITTLE SNAKE | | | | | |
| Dixon (near) | 320 | | 109% | 383 | 295 |
| NORTH PINEY CREEK | | | | | |
| Mason (at) | 53 | | 139% | 53 | 38 |
| NEW FORK RIVER | | | | | |
| Boulder (near) | 260 | | 114% | 379 | 228 |
| BIG SANDY CREEK | | | | | |
| Big Sandy (near) | 58 | | 112% | 96 | 52 |
| LITTLE SANDY CREEK | | | | | |
| Elkhorn (near) | 14.4 | | 111% | 22 | 13 |
| SNAKE RIVER | | | | | |
| Moran (at) (3) | 900 | | 104% | 1126 | 865 |
| Palisades (above) | 2710 | | 104% | 3418 | 2600 |
| PACIFIC CREEK | | | | | |
| Moran (near) | 178 | | 105% | 250 | 170 |
| GREYS RIVER | | | | | |
| Palisades (above) | 520 | | 136% | 506 | 383* |
| SWIFT CREEK | | | | | |
| Afton (near) | 59 | | 123% | 48 | 48 |
| SALT RIVER | | | | | |
| Etna ab. Palisades | 480 | | 145% | 455 | 331* |
| BEAR RIVER | | | | | |
| Utah-Wyoming State Line(at) | 130 | | 113% | 194 | 115 |
| SMITHS FORK | | | | | |
| Border (near) | 160 | | 142% | 164 | 112 |
| THOMAS FORK | | | | | |
| State Line (near) | 58 | | 193% | 57 | 30 |

All stream data taken from observed flow record with the following exceptions:

- (1) Observed flow corrected for Buffalo Bill storage and Heart Mtn. diversion.
- (2) Observed flow corrected for Transbasin Diversions.
- (3) Observed flow corrected for Jackson Lake storage.

* Includes some estimated flows.

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1967

| Drainage Basin and Snow Course | Number or State | Elev. | SNOW COVER MEASUREMENTS | | | | | |
|---|-----------------------|-------|-------------------------|------------------------|---------------------------|---------------------|------|-------|
| | | | 1967 | | | PAST RECORD | | |
| | | | Date of Survey | Snow Depth (In.) | Water Content (In.) | Water Content (In.) | 1966 | 1965 |
| <u>MADISON RIVER - YELLOWSTONE PARK</u> | | | | | | | | |
| Norris Basin | 10E2 | 7500 | 5-2 | 41 | 14.7 | 3.5 | 10.1 | 5.5* |
| 21 Mile ^m | 11E6 | 7150 | 4-30 | 66 | 25.6 | 12.8 | 24.9 | 14.9 |
| West Yellowstone ^m | 11E7 | 6700 | 4-30 | 41 | 15.6 | 1.4 | 11.7 | 5.6 |
| <u>UPPER YELLOWSTONE - YELLOWSTONE PARK</u> | | | | | | | | |
| Canyon | 10E3 | 7750 | 4-28 | 60 | 24.1 | 12.8 | 24.7 | 13.5* |
| East Entrance #2 | 9E5MP | 7000 | 4-28 | 15 | 5.2 | 0.0 | 3.2 | -- |
| Lake Camp #1 | 10E4 | 7850 | 4-28 | 45 | 15.2 | 6.8 | 14.0 | 8.1 |
| Lake Camp #2 | 10E4 | 7850 | 4-28 | 42 | 13.5 | 6.0 | 13.4 | 6.6* |
| Lupine Creek | 10E1 | 7300 | 5-1 | 45 | 16.6 | 0.0 | 8.2 | 7.7* |
| Norris Basin | 10E2 | 7500 | 5-2 | 41 | 14.7 | 3.5 | 10.1 | 5.5* |
| Northeast Entrance ^m | 10D7MP | 7400 | 5-1 | 36 | 13.2 | 3.2 | 10.3 | 6.2 |
| Sylvan Pass | 10E5 | 7100 | 4-28 | 44 | 16.8 | 9.0 | 15.2 | 10.6* |
| <u>LOWER YELLOWSTONE - CLARK'S FORK</u> | | | | | | | | |
| Lodgepole | 9E1 | 8200 | 5-3 | 54 | 16.7 | 7.6 | 12.1 | 10.7a |
| <u>LOWER YELLOWSTONE - WIND RIVER</u> | | | | | | | | |
| Big Warm | 9F12 | 8800 | 4-26 | 34 | 10.5 | 4.4 | 10.8 | 7.3* |
| Burroughs Creek | 9F4 | 8800 | 4-27 | 41 | 13.0 | 8.4 | 23.6 | 14.4* |
| Dinwoodie | 9F10 | 10000 | 4-28 | 51 | 14.9 | 7.5 | 17.4 | 14.2* |
| Dry Creek | 9F9 | 9500 | 4-28 | 32 | 8.3 | 2.9 | 8.7 | 7.5* |
| DuNoir | 9F6 | 8750 | 4-26 | 34 | 10.2 | 4.2 | 11.8 | 7.0 |
| Geyser Creek | 9F7 | 8500 | 4-25 | 27 | 7.5 | 3.1 | 9.2 | 5.7* |
| Little Warm | 9F8 | 9500 | 4-25 | 72 | 21.9 | 12.4 | 25.9 | 19.9* |
| Sheridan R.S. #2 | 9F14 | 7500 | 4-26 | 21 | 7.4 | 1.2 | 5.8 | 3.4* |
| T-Cross Ranch | 9F3 | 8000 | 4-27 | 9 | 2.9 | 1.5 | 9.8 | 3.9 |
| Togwotee Pass | 10F9MP | 9600 | 4-29 | 90 | 35.9 | 23.9 | 44.0 | 33.7 |
| <u>LOWER YELLOWSTONE - OWL CREEK</u> | | | | | | | | |
| Owl Creek | 8F1 | 8700 | 4-28 | 36 | 8.9 | 3.1 | 9.3 | 7.7* |

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1967

| Drainage Basin and Snow Course | Number or State | Elev. | SNOW COVER MEASUREMENTS | | | | | | PAST RECORD | | |
|--|-----------------------|-------|-------------------------|------|------------------------|---------------------------|---------------------|--------|-------------|---------|--|
| | | | Date of Survey | 1967 | Snow Depth (In.) | Water Content (In.) | Water Content (In.) | 1966 | 1965 | Average | |
| | | | | 1967 | Snow Depth (In.) | Water Content (In.) | | 1966 | 1965 | 1948-62 | |
| <u>LOWER YELLOWSTONE - POPO AGIE RIVER</u> | | | | | | | | | | | |
| Blue Ridge | 8G2 | 9500 | 5-2 | 58 | 18.5 | 7.0 | 18.7 | 12.1 | — | — | |
| Bruce's Camp | 8G5 | 6500 | 5-3 | 8 | 1.2 | 0.0 | — | — | — | — | |
| Hobb's Park | 9G3 | 10000 | 4-30 | 87 | 26.3 | 11.8 | 25.4 | 20.6* | — | — | |
| Mosquito Park R.S. | 9G4 | 9500 | 4-30 | 57 | 14.5 | 2.8 | 11.9 | 8.3* | — | — | |
| Sawmill Glade | 8G1 | 8500 | 5-3 | 37 | 11.5 | 1.3 | 8.5 | 6.1 | — | — | |
| South Pass | 8G3MP | 9000 | 5-2 | 63 | 20.5 | 9.7 | 21.4 | 14.5 | — | — | |
| St. Lawrence R.S. | 9F11 | 9000 | 4-29 | 44 | 11.9 | 3.5 | 11.4 | 6.8a | — | — | |
| Trout Creek | 9G2 | 8400 | 4-30 | 31 | 6.7 | 0.0 | T | 2.6* | — | — | |
| <u>LOWER YELLOWSTONE - GREYBULL RIVER</u> | | | | | | | | | | | |
| Timber Creek #2 | 9E3 | 8800 | 5-3 | 26 | 4.8 | 0.4 | 6.9 | 3.6* | — | — | |
| Wood River #2 | 9F15 | 8000 | 5-3 | 38 | 7.8 | 2.0 | 10.9 | 5.3* | — | — | |
| <u>LOWER YELLOWSTONE - SHOSHONE RIVER</u> | | | | | | | | | | | |
| Carter Mountain | 9E4M | 7800 | 5-3 | 44 | 8.8 | 2.6 | 7.4 | 6.7* | — | — | |
| East Entrance #2 | 9E5MP | 7000 | 4-28 | 15 | 5.2 | 0.0 | 3.2 | — | — | — | |
| Northeast Entrance ^m | 10D7MP | 7400 | 5-1 | 36 | 13.2 | 3.2 | 10.3 | 6.2 | — | — | |
| Sylvan Pass | 10E5 | 7100 | 4-28 | 44 | 16.8 | 9.0 | 15.2 | 10.6* | — | — | |
| Togwotee Pass | 10F9MP | 9600 | 4-29 | 90 | 35.9 | 23.9 | 44.0 | 33.7 | — | — | |
| <u>LOWER YELLOWSTONE - NOWOOD CREEK</u> | | | | | | | | | | | |
| Cold Springs Camp #1 | 7E25 | 8700 | 4-25 | 42 | 11.6 | 5.5 | 12.1 | 6.8* | — | — | |
| Cold Springs Camp #2 | 7E25 | 8700 | 4-25 | 53 | 14.5 | 7.3 | — | — | — | — | |
| Medicine Lodge Lakes | 7E24M | 9500 | 4-25 | 60 | 16.9 | 8.2 | 21.1 | 12.2* | — | — | |
| Middle Powder | 7F2 | 7400 | 4-27 | 57 | 20.7 | 12.0 | 17.3 | 11.9* | — | — | |
| Munkres Pass | 7E8 | 9700 | 5-3 | 52 | 14.9 | 8.7 | 12.6 | 9.6* | — | — | |
| Onion Gulch | 7E27M | 8100 | 5-3 | 53 | 14.8 | 7.5 | 12.1 | 9.3* | — | — | |
| Tyrell R.S. | 7E35 | 8300 | 4-26 | 46 | 14.0 | 7.3 | 11.4 | 7.4* | — | — | |
| West Tensleep Lake | 7E26A | 9075 | 4-26 | 50 | 14.0 | 8.8 | 17.3 | 11.6* | — | — | |
| <u>LOWER YELLOWSTONE - SHELL CREEK</u> | | | | | | | | | | | |
| Bald Mountain | 7E21M | 9600 | 5-1 | 99 | 30.2 | 23.6 | 34.7 | 24.2* | — | — | |
| Beaver Tongue Divide | 7E20 | 9200 | 5-1 | 98 | 30.0 | 17.3 | 32.5 | 21.4* | — | — | |
| Bone Spring Divide | 7E18A | 9200 | 5-1 | 102 | 28.0 | 17.5 | 27.8 | 20.1*a | — | — | |
| Granite Pass | 7E17P | 8950 | 5-1 | 94 | 24.7 | 14.8 | 26.4 | 19.6* | — | — | |
| Ranger Creek #1 | 7E4 | 8800 | 5-1 | 62 | 17.2 | 5.9 | 15.2 | 7.5* | — | — | |
| Ranger Creek #2 | 7E4 | 8800 | 5-1 | 60 | 17.0 | 5.3 | — | — | — | — | |
| Shell Creek | 7E23A | 9600 | 5-1 | 86 | 21.5 | 13.8 | 24.2 | 16.3* | — | — | |

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1967

| Drainage Basin and Snow Course | Number or State | Elev. | SNOW COVER MEASUREMENTS | | | | | PAST RECORD | | |
|--|-----------------------|-------|-------------------------|--------------------------------|---------------------------|-----------------|------|--------------------|--|--|
| | | | Date of Survey | 1967 Snow Depth (In.) | Water Content (In.) | 1966 | 1965 | Average 1948-62 | | |
| <u>LOWER YELLOWSTONE - TONGUE RIVER</u> | | | | | | | | | | |
| Beaver Tongue Divide | 7E20 | 9200 | 5-1 | 98 | 30.0 | 17.3 | 32.5 | 21.4* | | |
| Big Goose #2 | 7E32M | 7700 | 5-1 | 48 | 11.5 | 8.0 | 8.8 | 9.8* | | |
| Bone Spring Divide | 7E18A | 9200 | 5-1 | 102 | 28.0 | 17.5 | 27.8 | 20.1* | | |
| Burgess R.S. #2 | 7E33P | 7900 | 5-1 | 58 | 13.9 | 6.2 | 11.3 | 9.0* | | |
| Dome Lake #2 | 7E34A | 8800 | 5-1 | 62 | 16.0 | 9.8 | 14.0 | 12.2* | | |
| Gloom Creek | 7E14A | 9300 | 5-1 | 84 | 20.5 | 14.0 | 20.8 | 16.7* | | |
| Granite Pass | 7E17P | 8950 | 5-1 | 94 | 24.7 | 14.8 | 26.4 | 19.6* | | |
| North Tongue | 7E15 | 8800 | 5-1 | 72 | 19.7 | 8.4 | 17.6 | 12.4* | | |
| Sibley Lake | 7E11 | 8000 | 5-1 | 68 | 17.8 | 9.7 | 14.3 | 10.4* | | |
| Steamboat Point | 7E10 | 7500 | 5-1 | 68 | 15.5 | 9.6 | 11.8 | 9.5* | | |
| Sucker Creek | 7E12A | 9000 | 5-1 | 78 | 20.4 | 13.0 | 20.9 | 14.5* | | |
| Wood Rock G.S. | 7E13 | 8500 | 5-1 | 72 | 17.8 | 9.8 | 16.4 | 12.6* | | |
| <u>LOWER YELLOWSTONE - PORCUPINE CREEK</u> | | | | | | | | | | |
| Five Springs Falls | 7E31 | 7500 | 5-1 | 35 | 11.0 | 2.0 | 9.0 | 6.0* | | |
| Medicine Wheel | 7E30 | 9000 | 5-1 | 80 | 23.1 | 12.4 | 25.6 | 17.0* | | |
| <u>LOWER YELLOWSTONE - POWDER RIVER</u> | | | | | | | | | | |
| Middle Powder | 7F2 | 7400 | 4-27 | 57 | 20.7 | 12.0 | 17.3 | 11.9* | | |
| Muddy Creek G.S. | 6E2 | 7500 | 5-3 | 20 | 4.7 | 5.7 | 0.8 | 3.9* | | |
| Munkres Pass | 7E8 | 9700 | 5-3 | 52 | 14.9 | 8.7 | 12.6 | 9.6* | | |
| Onion Gulch | 7E27M | 8100 | 5-3 | 53 | 14.8 | 7.5 | 12.1 | 9.3* | | |
| Powder River Pass | 7E38 | 9666 | 5-3 | 57 | 18.9 | New Snow Course | | | | |
| Soldier Park | 7E5 | 8700 | 5-4 | 39 | 11.5 | 7.2 | 4.5 | 5.9* | | |
| Sour Dough | 6E1 | 8500 | 5-4 | 45 | 11.2 | 6.9 | 5.0 | 6.4* | | |
| <u>NORTH PLATTE - SWEETWATER</u> | | | | | | | | | | |
| Grannier Meadows | 8G4 | 9000 | 5-2 | 60 | 19.4 | 11.0 | 17.7 | 13.6 | | |
| Larsen Creek | 9G6A | 9000 | 5-2 | 64 | 16.0 | 7.2 | 19.3 | 8.5* | | |
| South Pass | 8G3MP | 9000 | 5-2 | 63 | 20.5 | 9.7 | 21.4 | 14.5 | | |
| <u>NORTH LARAMIE MOUNTAINS</u> | | | | | | | | | | |
| Boxelder #2 | 5G1 | 7500 | 5-4 | 17 | 5.0 | 5.1 | 0.4 | 4.0* | | |
| Casper Mountain | 6G1MP | 7940 | 5-1 | 61 | 18.4 | 14.0 | 13.8 | 12.9* | | |
| LaBonte | 5G2 | 8450 | 5-1 | 4 | 0.7 | T | T | 0.0* | | |

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1967

| Drainage Basin and Snow Course | Number or State | Elev. | SNOW COVER MEASUREMENTS | | | | | |
|---|-----------------------|-------|-------------------------------|------------------------|---------------------------|---------------------------|------|-------|
| | | | 1967 | | PAST RECORD | | | |
| | | | Date of Survey (In.) | Snow Depth (In.) | Water Content (In.) | Water Content (In.) | 1966 | 1965 |
| <u>NORTH PLATTE - CROW CREEK</u> | | | | | | | | |
| Pole Mountain #2 | 5H1 | 8700 | 4-30 | T | T | 0.0 | T | 1.9* |
| <u>NORTH PLATTE - LARAMIE RIVER</u> | | | | | | | | |
| Albany | 6H11A | 9400 | 4-29 | 27 | 12.3 | 2.9 | 17.3 | 11.0* |
| Brooklyn Lake #2 | 6H1MP | 10200 | 4-28 | 64 | 26.1 | 13.2 | 28.1 | 24.4a |
| Cameron Pass ^c | 5J1 | 10285 | 4-26 | 82 | 33.9 | 21.9 | 34.3 | 28.1 |
| Chambers Lake ^c | 5J2 | 9000 | 4-30 | 14 | 6.1 | -- | 9.6 | 5.5 |
| Deadman Hill ^c | 5J6 | 10300 | 4-27 | 48 | 17.1 | 13.0 | 19.0 | 18.1 |
| Evans | 6H15 | 9000 | 4-25 | 32 | 11.3 | 6.5 | 13.7 | 9.5* |
| Foxpark | 6H12P | 9200 | 4-28 | 8 | 3.7 | 0.9 | 8.2 | 4.9 |
| Hairpin Turn #3 | 6H2 | 9500 | 4-28 | 41 | 17.6 | 5.8 | 19.4 | 14.7a |
| LaBonte | 5G2 | 8450 | 5-1 | 4 | 0.7 | T | T | 0.0* |
| Libby Lodge #1 | 6H3 | 8700 | 4-28 | 22 | 9.3 | 1.5 | 10.2 | 8.4 |
| Libby Lodge #2 | 6H3 | 8700 | 4-28 | 21 | 9.0 | 0.0 | -- | -- |
| Lost Lake ^c | 5J23 | 9300 | 4-30 | 32 | 7.7 | 1.9 | 13.2 | 10.2 |
| McIntyre ^c | 5J15 | 9100 | 4-22 | 24 | 9.9 | 5.8 | 13.1 | 10.2 |
| Pole Mountain #2 | 5H1 | 8700 | 4-30 | T | T | 0.0 | T | 1.9*a |
| Roach ^c | 6J12 | 9800 | 4-22 | 51 | 16.8 | 16.4 | 24.0 | 21.0 |
| Rock Creek | 6H14 | 9800 | 4-30 | 74 | 24.8 | 21.2 | 29.9 | -- |
| <u>NORTH PLATTE - ABOVE SEMINOE RESERVOIR</u> | | | | | | | | |
| Albany | 6H11A | 9400 | 4-29 | 27 | 12.3 | 2.9 | 17.3 | 11.0* |
| Black Hall Mtn. | 6H18 | | 5-2 | 29 | 9.9 | 4.7 | -- | -- |
| Bottle Creek #1 | 6H8 | 8200 | 5-2 | 32 | 11.8 | 6.0 | 15.8 | 11.1 |
| Bottle Creek #2 | 6H8 | 8200 | 5-2 | 19 | 7.2 | 0.6 | -- | -- |
| Boxelder #2 | 5G1 | 7500 | 5-4 | 17 | 5.0 | 5.1 | 0.4 | 4.0* |
| Cameron Pass ^c | 5J1 | 10285 | 4-26 | 82 | 33.9 | 21.9 | 34.3 | 28.1 |
| Casper Mountain | 6G1MP | 7940 | 5-1 | 61 | 18.4 | 14.0 | 13.8 | 12.9* |
| Columbine ^c | 6J3 | 9300 | 4-28 | 40 | 18.4 | 9.6 | 28.6 | 22.9 |
| Deep Lake | 6H17 | 10500 | 5-3 | 104 | 39.0 | 37.3 | 44.3 | -- |
| Evans | 6H15 | 9000 | 4-25 | 32 | 11.3 | 6.5 | 13.7 | 9.5* |
| Foxpark | 6H12P | 9200 | 4-28 | 8 | 3.7 | 0.9 | 8.2 | 4.9 |
| LaBonte | 5G2 | 8450 | 5-1 | 4 | 0.7 | T | T | 0.0* |
| Moss Lake | 6H16 | 9800 | 5-3 | 74 | 27.5 | 18.3 | 24.2 | -- |
| North Barrett Creek | 6H5AM | 9400 | 5-1 | 63 | 20.7 | 17.3 | 23.9 | 20.4a |
| North Barrett #2 | 6H5AM | 9400 | 5-2 | 65 | 20.3 | 13.8 | -- | -- |
| North French Creek | 6H4AP | 10200 | 5-2 | 95 | 36.9 | 26.8 | 36.1 | 32.7 |
| Northgate ^c | 6J7 | 8500 | 4-25 | 8 | 1.9 | 0.4 | 4.7 | -- |

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1967

| Drainage Basin and Snow Course | Number or State | Elev. | SNOW COVER MEASUREMENTS | | | | |
|--------------------------------------|-----------------------|-------|-------------------------|------------------------|---------------------------|-------------|------|
| | | | 1967 | | Water Content (In.) | PAST RECORD | |
| | | | Date of Survey | Snow Depth (In.) | | 1966 | 1965 |

NORTH PLATTE - ABOVE SEMINOE RESERVOIR, CON'T.

| | | | | | | | | |
|--------------------------------|-------|------|------|-----|------|------|------|-------|
| Old Battle #1 | 6H10P | 9800 | 5-2 | 94 | 36.7 | 25.0 | 44.1 | 27.4* |
| Old Battle #2 | 6H10P | 9800 | 5-2 | 102 | 39.6 | 28.0 | -- | -- |
| Park View ^c | 6J2 | 9200 | 4-25 | 19 | 7.1 | 3.0 | 8.7 | 6.7 |
| Rabbit Ears ^c | 6J9 | 9550 | 4-28 | 47 | 19.9 | 16.1 | 29.6 | 27.9 |
| Roach ^c | 6J12 | 9800 | 4-22 | 51 | 16.8 | 16.4 | 24.0 | 21.0 |
| Rock Creek #1 | 6H14 | 9800 | 4-30 | 74 | 24.8 | 21.2 | 29.9 | -- |
| Ryan Park | 6H6A | 8400 | 5-1 | 28 | 7.6 | 1.6 | 12.0 | 3.8* |
| Webber Springs #1 | 6H9M | 9000 | 5-2 | 46 | 17.6 | 7.4 | 21.8 | 15.8 |
| Webber Springs #2 | 6H9M | 9000 | 5-2 | 48 | 18.7 | 8.8 | -- | -- |
| Willow Creek Pass ^c | 6J5 | 9500 | 4-25 | 35 | 13.5 | 6.5 | 12.5 | 12.0 |

GREEN RIVER - ABOVE GREEN RIVER

| | | | | | | | | |
|-------------------|---------|------|------|-----|------|-----------------|------|-------|
| Big Sandy Opening | 9G9P | 9220 | 5-2 | 65 | 16.6 | 9.2 | 18.9 | 11.0* |
| Dutch Joe R.S. | 9G5 | 8700 | 5-2 | 42 | 10.8 | 1.7 | 11.6 | 4.4a |
| East Rim Divide | 10F17MP | 7950 | 5-2 | 33 | 10.5 | 4.1 | 12.2 | 10.2* |
| Elk Heart Park | 9F23P | 9400 | 4-30 | 58 | 16.1 | 8.6 | 21.9 | 14.0* |
| Gros Ventre | 10F19A | 8750 | 5-1 | 47 | 14.9 | 9.3 | 17.2 | 11.2* |
| Kendall R.S. #2 | 10F15 | 7900 | 5-1 | 30 | 11.1 | 4.6 | 15.2 | 6.1* |
| LaBarge G.S. | 10G16 | 9500 | 5-2 | 101 | 39.6 | New Snow Course | | |
| Loomis Park #2 | 10F16 | 8500 | 5-2 | 47 | 18.4 | 7.5 | 26.6 | 11.9* |
| Mulligan Park | 9G1 | 8900 | 4-30 | 36 | 10.1 | 7.2 | 11.5 | 7.7 |
| New Fork Lake | 9F21 | 8325 | 4-30 | 40 | 10.1 | 6.6 | 15.8 | -- |
| North Horse Creek | 10G16 | 8200 | 5-2 | 59 | 24.6 | 8.4 | 27.6 | -- |
| Piney LaBarge #2 | 10G10 | 8820 | 4-29 | 63 | 26.9 | 10.4 | 30.5 | 18.5* |
| Pocket Creek | 9G11 | 9360 | 4-29 | 58 | 14.3 | 8.3 | 17.1 | 12.8* |
| Poison Meadows | 10G6A | 8500 | 5-2 | 106 | 38.7 | 20.3 | 41.8 | 30.9* |
| Snyder Basin #2 | 10G13MP | 8040 | 4-29 | 44 | 18.4 | 6.4 | 21.0 | 11.0* |
| Soda Lake | 10G14 | 8300 | 4-30 | 52 | 19.0 | 9.9 | 24.4 | 14.6* |
| South Pass | 8G3MP | 9000 | 5-2 | 63 | 20.5 | 9.7 | 21.4 | 14.5 |
| Triple Peaks | 10G15 | 8500 | 4-30 | 77 | 31.3 | 18.0 | 39.4 | 25.8* |

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1967

| Drainage Basin and Snow Course | Number or State | Elev. | SNOW COVER MEASUREMENTS | | | | | |
|---|-----------------------|-------|-------------------------|------------------------|---------------------------|---------------------------|------|-------|
| | | | 1967 | | PAST RECORD | | | |
| | | | Date of Survey | Snow Depth (In.) | Water Content (In.) | Water Content (In.) | 1966 | 1965 |
| <u>GREEN RIVER BELOW GREEN RIVER</u> | | | | | | | | |
| Big Park | 10G11 | 8700 | 5-2 | 72 | 24.4 | 15.5 | 30.7 | 20.0* |
| Black's Fork Jct. ^u | 10J22 | 8925 | 4-19 | 27 | 7.8 | 1.4 | 14.9 | 9.0a |
| Buck Pasture ^u | 10J23A | 9700 | | | Delayed Report | -- | N.R. | -- |
| East Fork Black's Fk ^u | 10J21 | 9300 | 4-19 | 33 | 9.1 | 5.2 | 15.8 | 11.3a |
| Elk River ^c | 6J4 | 8700 | 4-28 | 38 | 16.3 | 9.3 | 20.3 | 13.4 |
| Henry's Fork ^u | 10J24A | 10200 | | | Delayed Report | -- | N.R. | -- |
| Hewinta R.S. ^u | 10J4 | 9500 | 4-19 | 33 | 9.2 | 5.2 | 14.3 | 12.1 |
| Hickerson Park ^u | 9J8 | 9100 | 4-21 | 12 | 3.4 | 0.0 | 5.7 | 4.1a |
| Kelly R.S. | 10J12P | 8200 | 5-2 | 62 | 22.0 | 12.5 | 28.6 | 15.9* |
| Lake Fork Basin ^u | 10J25 | 11100 | | | Delayed Report | -- | N.R. | -- |
| Old Battle #1 | 6H10P | 9800 | 5-2 | 94 | 36.7 | 25.0 | 44.1 | 27.4* |
| Old Battle #2 | 6H10P | 9800 | 5-2 | 102 | 39.6 | 28.0 | -- | -- |
| Spirit Lake ^u | 9J7 | 10300 | 4-20 | 51 | 16.2 | 7.5 | 17.9 | 14.3a |
| <u>SNAKE RIVER - ABOVE JACKSON LAKE</u> | | | | | | | | |
| Grassy Lake | 10E15MP | 7265 | 4-30 | 95 | 37.8 | 26.4 | 39.2 | -- |
| Lewis Lake Divide | 10E9 | 7900 | 4-30 | 116 | 48.0 | 35.5 | 56.3 | -- |
| <u>JACKSON LAKE TO PALISADES</u> | | | | | | | | |
| Afton R.S. | 10G4 | 6200 | 4-28 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bryan Flat | 10F14 | 6250 | 5-3 | 9 | 2.9 | 0.0 | 3.5 | 2.0* |
| CCC Camp | 10G7 | 7500 | 5-2 | 28 | 11.2 | 3.1 | 8.7 | 4.6* |
| East Rim Divide | 10F17MP | 7950 | 5-2 | 33 | 10.5 | 4.1 | 12.2 | 10.2* |
| Grey's Boundary | 10F18 | 5800 | 4-28 | T | T | 0.0 | 0.0 | 0.9* |
| Gros Ventre | 10F19 | 8750 | 5-1 | 47 | 14.9 | 9.3 | 17.2 | 11.2* |
| Grover Park Divide | 10G3 | 7500 | 4-28 | 32 | 13.1 | 3.3 | 8.5 | 8.1* |
| LaBarge G.S. | 10G16 | 9500 | 5-2 | 101 | 39.6 | New Snow Course | | |
| Loomis Park #2 | 10F16 | 8500 | 5-2 | 47 | 18.4 | 7.5 | 26.6 | 11.9* |
| Poison Meadows | 10G6A | 8500 | 5-2 | 106 | 38.7 | 20.3 | 41.8 | 30.9* |
| Salt River Summit | 10G8MP | 7900 | 5-2 | 45 | 17.6 | 7.4 | 17.8 | 9.8* |
| Snow King Mtn. #3 | 10F20M | 7600 | 4-28 | 46 | 17.4 | -- | 15.2 | 9.4* |
| Teton Pass #2 | 10F13 | 8500 | 4-28 | 88 | 34.0 | 25.2 | 43.6 | 37.8* |
| Togwotee Pass | 10F9MP | 9600 | 4-29 | 90 | 35.9 | 23.9 | 44.0 | 33.7 |
| <u>BEAR RIVER</u> | | | | | | | | |
| Big Park | 10G11A | 8700 | 5-2 | 72 | 24.4 | 15.5 | 30.7 | 20.0* |
| CCC Camp | 10G7 | 7500 | 5-2 | 28 | 11.2 | 3.1 | 8.7 | 4.6* |
| Burts Miller Ranch ^u | 10J6 | 7900 | 4-20 | 5 | 1.9 | 0.0 | 4.7 | 0.0* |
| Hayden Fork ^u | 10J7 | 9300 | 4-20 | 49 | 17.8 | 6.6 | 22.8 | 17.7* |
| Kelly R.S. | 10G12P | 8200 | 5-2 | 62 | 22.0 | 12.5 | 28.6 | 15.9* |
| Monte Cristo ^u | 11H12 | 8960 | 4-25 | 86 | 32.4 | 17.7 | 32.6 | 26.2* |

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1967

| Drainage Basin and Snow Course | Number or State | Elev. | SNOW COVER MEASUREMENTS | | | | | |
|--------------------------------------|-----------------------|-------|-------------------------------|------------------------|---------------------------|---------------------------|------|------|
| | | | 1967 | | | PAST RECORD | | |
| | | | Date of Survey (In.) | Snow Depth (In.) | Water Content (In.) | Water Content (In.) | 1966 | 1965 |
| | | | | | | | | |

BEAR RIVER, CON'T.

| | | | | | | | | |
|--------------------------------|--------|------|------|-----|------|------|------|-------|
| Poison Meadows | 10G6 | 8500 | 5-2 | 106 | 38.7 | 20.3 | 41.8 | 30.9* |
| Salt River Summit ^u | 10G8MP | 7900 | 5-2 | 45 | 17.6 | 7.4 | 17.8 | 9.8* |
| Steel Creek Park ^u | 10J20A | 9900 | 4-19 | 60 | 19.1 | 13.7 | 25.4 | 18.0a |
| Still Water Camp ^u | 10J17 | 8550 | 4-20 | 32 | 11.0 | 0.0 | 13.9 | 7.5* |
| Trial Lake ^u | 10J8 | 9800 | 4-27 | 81 | 30.9 | 19.2 | 38.8 | 30.9* |

MISSOURI - BELLE FOURCHE

| | | | | | | | | |
|------------------|------|------|-----|----|-----|------|-----|----|
| Bearlodge Divide | 4E2P | 4580 | 5-3 | 17 | 2.0 | N.R. | 0.0 | -- |
| Warren Peak | 4E1P | 6400 | 5-3 | 32 | 9.1 | N.R. | 0.0 | -- |

- * Average does not contain 15 years of record.
- c Colorado snow courses.
- m Montana snow courses.
- u Utah snow courses.
- A Aerial stadia marker.
- M Soil moisture stack.
- P Pearson Precipitation gage.
- a Average partially estimated.
- e Water content estimated.

WYOMING MOUNTAIN PRECIPITATION FOR APRIL 1967

| Drainage Basin and Precipitation Gage | Elevation | Date of Survey | 1967 Precip. (In.) | 1966 Precip. (In.) |
|---|-----------|----------------------|--------------------------|--------------------------|
| <u>UPPER YELLOWSTONE RIVER</u> | | | | |
| Lake Camp | 7850 | No Report | | 1.3 |
| <u>LOWER YELLOWSTONE RIVER</u> | | | | |
| Burgess Junction | 7900 | 4-29 | 1.8 | 2.7 |
| Powder River Pass* | 9400 | 5-3 | 4.9 | 4.4 |
| South Pass* | 9000 | 5-2 | 3.2 | 2.0 |
| Togwotee Pass* | 9600 | 4-29 | 3.8 | 5.2 |
| <u>NORTH PLATTE</u> | | | | |
| Brooklyn Lake #2* | 10200 | 4-28 | 2.8 | 2.9 |
| Casper Mountain* | 7940 | No Report | | 4.5 |
| Chambers Lake | 9000 | 4-27 | 3.0 | 2.1 |
| Foxpark | 9200 | 4-30 | 1.3 | 0.7 |
| North French Creek | 10200 | 5-1 | 4.5 | 2.4 |
| Old Battle* | 9800 | 5-2 | 5.6 | 3.4 |
| Pole Mountain #2* | 8700 | 4-30 | 3.5 | 1.2 |
| South Pass* | 9000 | 5-2 | 3.2 | 2.0 |
| Willow Creek | 9500 | 4-27 | 2.2 | 2.2 |
| Rock Creek | 9800 | 4-30 | 4.0 | 2.7 |
| <u>GREEN RIVER</u> | | | | |
| Big Sandy Opening* | 9220 | 4-29 | 3.6 | 1.4 |
| East Rim Divide* | 7950 | 5-2 | 1.7 | 1.3 |
| Elk Heart Park* | 9400 | 4-30 | 3.0 | 1.7 |
| Snyder Basin* | 8040 | 4-29 | 2.0 | 0.5 |
| South Pass* | 9000 | 5-2 | 3.2 | 2.0 |
| <u>SNAKE RIVER</u> | | | | |
| East Rim Divide* | 7950 | 5-2 | 1.7 | 1.3 |
| Grassy Lake* | 7265 | 4-30 | 4.6 | 3.2 |
| Lewis Lake Divide* | 7900 | 4-30 | 4.2 | 3.3 |
| Moran | 6500 | 4-30 | 2.1 | 1.4 |
| Salt River Summit* | 7900 | 5-2 | 2.9 | 1.0 |
| Snake River Station | 6780 | 4-30 | 3.0 | 2.0 |
| Togwotee Pass* | 9600 | 4-29 | 3.8 | 5.2 |
| <u>BEAR RIVER</u> | | | | |
| Kelly R.S.* | 8200 | 4-28 | 3.7 | 1.9 |
| Salt River Summit* | 7900 | 5-2 | 2.9 | 1.0 |

* Soil Conservation Service Pearson Precipitation Gages.

STATUS OF WYOMING RESERVOIR STORAGE - MAY 1, 1967
IN 1000 ACRE FEET

| BASIN or STREAM and RESERVOIR | TOTAL CAPACITY | TOTAL STORAGE 1967 | INACTIVE STORAGE | ACTIVE CAPACITY | ACTIVE STORAGE | | |
|-------------------------------------|-------------------|--------------------------|---------------------|--------------------|----------------------------|--------|--------|
| | | | | | 1948-62 1966 Average | | |
| <u>SNAKE RIVER</u> | | | | | | | |
| Grassy Lake | 15.4 | 9.7 | 0.3 | 15.1 | 9.4 | 9.5 | 12.4 |
| Jackson Lake | -- | -- | Unknown | 847.0 | 493.6 | 673.8 | 422.9 |
| Palisades | 1402.0 | 866.2 | 158.0 | 1244.0 | 708.2 | 1142.2 | 777.2 |
| <u>NORTH PLATTE</u> | | | | | | | |
| Seminoe | 1010.8 | 76.2 | 0.4 | 1010.4 | 75.8 | 407.1 | 431.3 |
| Pathfinder | 1015.9 | 225.7 | 0.0 | 1015.9 | 225.7 | 465.6 | 627.7 |
| Guernsey | 44.7 | 30.1 | 0.0 | 44.7 | 30.1 | 35.6 | 26.8 |
| Alcova | 188.9 | 183.6 | 158.5 | 30.8 | 25.1 | 20.0 | 18.5 |
| Glendo | 795.2 | 466.9 | 11.5 | 783.7 | 455.4 | 458.3 | 370.8* |
| <u>BELLE FOURCHE</u> | | | | | | | |
| Keyhole | 340.4 | 129.5 | 9.7 | 330.7 | 119.8 | 131.1 | 5.2* |
| <u>WIND RIVER</u> | | | | | | | |
| Bull Lake | 152.5 | 49.1 | 0.7 | 151.8 | 48.4 | 84.3 | 51.5 |
| Pilot Butte | 37.0 | 27.6 | 5.4 | 31.6 | 22.2 | 30.2 | 24.2 |
| Boysen | 952.4 | 505.1 | 252.1 | 700.3 | 253.0 | 330.2 | 156.9* |
| <u>BIG HORN RIVER</u> | | | | | | | |
| Anchor | 17.4 | 0.0 | 0.2 | 17.2 | 0.0 | -0.2 | -0.1* |
| <u>GREYBULL RIVER</u> | | | | | | | |
| Sunshine | 52.4 | 24.0 | 0.0 | 52.4 | 24.0 | 46.5 | -- |
| <u>SHOSHONE RIVER</u> | | | | | | | |
| Buffalo Bill | 421.3 | 139.8 | 48.2 | 373.1 | 91.6 | 238.0 | 135.2 |
| <u>BIG HORN RIVER</u> | | | | | | | |
| Yellowtail | 1375.0 | 725.8 | 502.4 | 663.6 | 223.4 | -- | -- |
| <u>GREEN RIVER</u> | | | | | | | |
| Big Sandy | 39.7 | 17.4 | 1.4 | 38.3 | 16.0 | 38.4 | 13.5 |

* Less than 15 years of record in the 1948-62 period.

STATUS OF OUT OF STATE RESERVOIR STORAGE - MAY 1, 1967
IN 1000 ACRE FEET

| BASIN or STREAM and RESERVOIR | TOTAL CAPACITY | TOTAL STORAGE 1967 | INACTIVE STORAGE | ACTIVE CAPACITY | ACTIVE STORAGE | | |
|-------------------------------------|-------------------|--------------------------|---------------------|--------------------|----------------|-------|--------------------|
| | | | | | 1967 | 1966 | Average 1948-62 |
| KANSAS BASIN | | | | | | | |
| Bonny ^c | 170.2 | 39.4 | 2.9 | 167.3 | 36.5 | 37.2 | 37.9* |
| Swanson Lake ⁿ | 254.0 | 118.6 | 14.0 | 240.0 | 104.6 | 106.2 | 89.9* |
| Enders ⁿ | 74.5 | 44.6 | 10.4 | 64.1 | 34.2 | 36.2 | 35.6* |
| Hugh Butler ⁿ | 86.6 | 37.3 | 7.6 | 79.0 | 29.7 | 29.4 | -- |
| Harry Strunk ⁿ | 89.3 | 37.2 | 9.5 | 79.8 | 27.7 | 28.4 | 32.4* |
| Norton ^k | 134.7 | 27.5 | 2.9 | 131.8 | 24.6 | 27.4 | -- |
| Harlan County ⁿ | 840.6 | 340.9 | 144.8 | 695.8 | 196.1 | 203.2 | 173.8* |
| Lovewell ^k | 92.2 | 40.8 | 16.8 | 75.4 | 24.0 | 24.2 | 31.2* |
| Kirwin ^k | 314.6 | 75.8 | 9.8 | 304.8 | 66.0 | 85.5 | 56.8* |
| Webster ^k | 260.7 | 31.3 | 3.3 | 257.4 | 28.0 | 65.2 | 50.9* |
| Cedar Bluff ^k | 377.0 | 150.7 | 35.3 | 341.7 | 115.4 | 148.4 | 141.6* |
| Kanopolis ^k | 432.9 | 51.2 | 0.0 | 432.9 | 51.2 | 49.1 | 55.5* |
| BELLE FOURCHE | | | | | | | |
| Belle Fourche ^s | 192.0 | 147.0 | 6.8 | 185.2 | 140.2 | 157.3 | 103.9 |
| CHEYENNE RIVER | | | | | | | |
| Angostura ^s | 160.2 | 137.9 | 70.0 | 90.2 | 67.9 | 90.0 | 45.0* |
| Deerfield ^s | 15.7 | 15.6 | 0.6 | 15.1 | 15.0 | 15.1 | 11.2 |
| Pactola ^s | 99.0 | 55.7 | 1.0 | 98.0 | 54.7 | 54.8 | 16.6* |
| GRAND RIVER | | | | | | | |
| Shadehill ^s | 357.4 | 115.6 | 58.2 | 299.2 | 57.4 | 76.0 | 77.7* |

* Less than 15 years of record in the 1948-62 period.

k Reservoirs located in Kansas.

n Reservoirs located in Nebraska.

c Reservoirs located in Colorado.

s Reservoirs located in South Dakota.

Agencies Cooperating in Wyoming Snow Surveys

FEDERAL

U. S. Department of Agriculture
Forest Service
Soil Conservation Service

U. S. Department of Commerce
Weather Bureau

U. S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service
Indian Service

STATE

State Engineer of Wyoming.

University of Wyoming
Natural Resources Research Institute
Department of Agricultural Engineering

PRIVATE

Irrigation Districts
Greybull Valley Irrig. Dist.
Wheatland Irrig. Dist.

Soil and Water Conservation Districts
Bridger Valley SWCD
Clouds Peak SWCD
Cody SWCD
Dubois-Crowheart SWCD
Greybull Valley SWCD
Lake DeSmet SWCD
Laramie Rivers SWCD
Little Snake River SWCD
Medicine Bow SWCD
Pavillion and Wind River SWCD
Pinedale SWCD
Powder River SWCD
Powell-Clarks Fork SWCD
S and E SWCD
Shell Valley SWCD
Shoshone SWCD
Tongue River SWCD
Washakie SWCD
Wheatland SWCD

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with the Snow Survey”